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LITHIUM ION BATTERY (11-283667**Publication Number:** JP 11283667 A) , October 15, 1999**Inventors:**

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Applicants

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Application Number: 10-083777 (JP 9883777) , March 30, 1998**International Class:**

- H01M-010/40
- H01M-004/02
- H01M-004/58

Abstract:

PROBLEM TO BE SOLVED: To provide a lithium ion battery which can be prevented from decreasing in battery capacity by inhibiting the breakdown of the crystalline structure of lithium-manganese oxides even when it is preserved at high temperatures. **SOLUTION:** A lithium ion battery has a positive electrode 1 made of lithium- manganese oxides capable of storing and releasing lithium ions, a negative electrode 2 made of a graphite carbonaceous substance capable of storing and releasing lithium ions, and an electrolyte. In this case, at least propylene carbonate and vinylene carbonate are contained in the electrolyte as the solvents of the electrolyte. **COPYRIGHT:** (C)1999,JPO

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